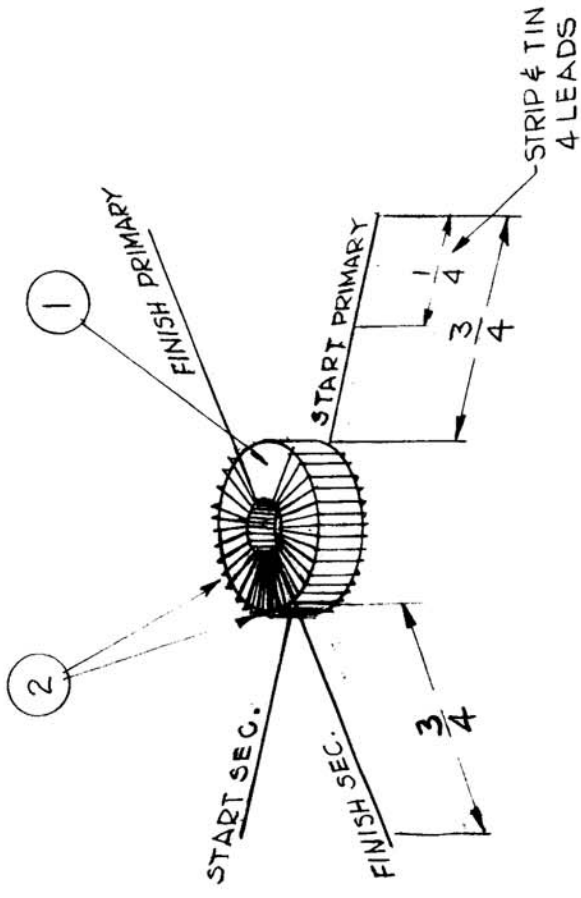


-WINDING PROCEDURE-

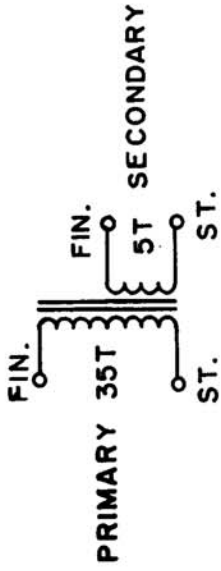
1. WIND 35 TURNS (PRI) OF ITEM 2 ON ITEM 1, CLOSE WOUND.
2. WIND 5 TURNS (SEC) OF ITEM 2 ON ITEM 1 CLOSE WOUND, AS SHOWN.
3. STAKE LEADS SECURELY WITH ITEM 3. (Q-MAX)
4. BAKE FOR 1/2 HOUR AT 215°F TO REMOVE MOISTURE.
5. COAT COIL & CORE WITH ITEM 3 AND BAKE 1/2 HR. AT 215°F
6. TEST AS NOTED BELOW IN ELECTRICAL SPECIFICATIONS

-ELECTRICAL SPECIFICATIONS-

STRIP & TIN 1/4" FROM LEAD ENDS. ALL 4 LEADS CLAMP COIL INTO Q-METER 1/4 INCH AWAY FROM (PRI) START & FINISH LEADS WITH START LEAD TO LOW SIDE OF Q METER (BOONTON 260 A Q-METER).
 INDUCTANCE (PRI) L = 5.0 UHY ±.260 UHY
 MIN. Q = 215 AT 7.9 MC



— SCHEMATIC —



X 4	BS-100	SOLDER, SOFT
X 3	GL-102	ADHESIVE, Q-MAX
X 2	WI-123-25	WIRE, MAGNET, SIZE 25
1	CI-127-1	CORE, TOROID

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		R. KOHN	E 3037-93
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
MATERIAL		TZ-125 ASSY.	
TYPE & TEMPER		TRANSFORMER, IF, FIXED	
HEAT TREAT. SPEC.		GDL	8/16/63
FINISH & SPEC. NO.		DRAWN	BF
		FINAL APPROVAL	
		P. KOHN	A-3214
		ELEC. DES. APP.	
		MECH. DES. APP.	

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	DIM 3/4 WAS 1/2 (2P)	12.7.64	13066	AB	[Signature]	[Signature]
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES						
SCALE: DO NOT SCALE						
TOLERANCES: FRACTIONS ± 1/64 ANGLES ± 0° 30'						
DECIMALS: .X ± .05 .XX ± .01 .XXX ± .005						
CODE: A						